SONY

PCG-TR1AP

VAIO

Sony VAIO® TR Notebook

Talented mobile companion

STYLE AND MOBILITY
Ultimate style in a light and thin body. Who says you can't have it all?

GOT WIRELESS?[6]
Integrated 802.11b wireless for truly mobile network connection.

ENJOY MOVIES
Watch DVD movies anywhere with integrated CD-RW/DVD combo drive, amazing long life[4] battery, XBRITE™ wide screen and Dolby headphone technology.

FEATURES

- Intel® Centrino™ mobile technology - designed specifically for mobility
- Beautiful and sleek design in a 3.11 lbs. light and 1.44" thin body
- CD-RW/DVD combo drive and swivel camera integrated
- Integrated wireless LAN[6] - connect to the network anywhere, anytime
- XBRITE™ 10.6" wide screen for work and play
- Amazing battery life up to 7.0 hours[4]
- i.LINK® (IEEE 1394) S400 digital interface[3] and Memory Stick® media slot[10]

Sony Exclusive **MULTIMEDIA DIGITAL EDITING** software package!

SPECIFICATIONS

Model
PCG-TR1AP
Processor
Ultra Low Voltage Intel® Pentium® M processor 900MHz[1]
Cache Memory
L1: 64KByte Integrated On-Die
L2: 1M Byte Integrated On-Die
Bus Speed
400 MHz
LCD
10.6" Wide (1280x768) TFT display with XBRITE™ technology
Graphics
Intel® 855GM Chipset Integrated Graphics 64MB (shared)
Memory
512 MB DDR SDRAM (512MB x 1), maximum 1024 MB
Hard Drive
30 GB[2] hard drive
Optical Drive
Internal CD-RW/DVD combo drive
(Max speeds: CD-R write 8x, CD-RW write 4x, CD Read 24x, DVD-ROM read 8x)
Optional Floppy Drive
External 1.44 MB, 3.5" USB floppy drive (PCGA-UFD5)
Modem
Integrated V.90 modem
Ethernet
10BASE-T/100BASE-TX Ethernet with RJ-45 interface
Memory Stick® Media Slot[10]
Supports optional Memory Stick® media
Pointing Device / Keyboard
Electro-Static touch pad
QWERTY, 83 keys with 2mm stroke and 17mm pitch
Magnify button and Volume buttons
Estimated Battery Life[4]
Lithium-ion battery
2.5-7.0 hours with standard battery[4]
3.5-11.0 hours (TBD) with large capacity battery[4]
PC Card Slots
1 type I or type II card with CardBus support
Integrated Camera
CMOS 370,000 pixels (VGA 640x480)
MotionJPEG
Audio
Windows® sound system compatible
Dolby Headphone & Dolby Virtual Speaker
Built-in stereo speakers; monaural mini-jack microphone, Internal microphone
Other Interfaces
RJ-11 modem jack, i.LINK® (IEEE 1394) interface[3], 2 USB2.0, RJ-45 Ethernet, VGA output, headphone (stereo), monaural mini-jack microphone
Integrated Wireless LAN[6]
Intel PRO/ Wireless 2100 Network Connection 802.11b
Bus/Interface: mini PCI
Radio frequency band: 2.4GHz (ISM band)
Power Requirements
68 watts maximum + 10% (16V / AC100-240V)
Energy Star® compliant
Advanced power management - APM-ACPI compatible
Weight
3.11lbs.with a standard battery
Size (H x W x D)
1.37"-1.44" X 10.6" X 7.4"
Supplied Accessories
Lithium-ion battery, power cord, and AC adapter
Optional Accessories
External USB floppy disk drive (PCGA-UFD5)
Additional standard battery (PCGA-BP2T)
Large capacity battery (PCGA-BP3T) (Available in Sept. 2003)
USB mouse (PCGA-UMS5)
USB mobile mouse (PCGA-UMS3/V)
USB keyboard (PCGA-UKB1)
External DVD±RW drive (PCGA-DDRW1)
Slim carrying case (PCGA-CCB)
Large carrying case (PCGA-CCGX)
Notebook Sport Backpack (PCGA-CCP2)
Notebook backpack (PCGA-CCP1)
Additional AC adapter (PCGA-AC16V6)
Privacy screen (PCGA-FL6)
Additional 512MB memory (PCGA-MM512U)
802.11b Wireless LAN Pro router access point (PCWA-A200)
802.11a Wireless LAN router access point (PCWA-A500)
802.11a Wireless LAN PC card (PCWA-C500)
External Speakers (PCGA-SP1)
USB Bluetooth Adapter (PCGA-BA1/A)
Service and Warranty Information
One year limited Express Service[5] (Certain restrictions apply.)
One year limited parts and labor[5]
Telephone Support[5]: One year hardware and 90 days software and operating system from purchase date
Operating System
Microsoft® Windows® XP Professional
Productivity Software
Microsoft® Money 2003[8]
Microsoft® Works 7.0
Microsoft® Encarta Online[9]
Video Software
Sony DVgate™ Plus
Adobe® Premiere® LE®
InterVideo® WinDVD® 4 for VAIO® PC (Dolby Headphone & Dolby Virtual Speaker)
Music Software
Sony Screenblast™ ACID™
Sony SonicStage™ with MP3 encoder
Sony SonicStage™ Mastering Studio
RealNetworks® Real One Player
Photo Software
Adobe® Photoshop® Elements
Sony Network Smart Capture
Sony PictureGear Studio™
Communication
Sony VAIO Media™ Software
Microsoft® MSN 8.0[8] and America Online®[8]
Gaming
Microsoft® Age of Empires II
Virus, Tools, and Support Software
McAfee® Internet Security Center[7]
VAIO Support Agent

1 MHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2 GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.
3 i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
4 Estimated battery life. Actual battery life may vary on usage.
5 From date of purchase.
6 Wireless LAN access point sold separately. Sony cannot guarantee the security of wireless communications.
7 Requires fees for use.
8 Certain features are time limited.
9 Limited duration trial subscription to Microsoft's current online version. Internet access required; additional fees (including telephone/long distance charges) may apply also.
10 Supports Memory Stock Pro™ high-capacity media, but does not support high-speed media capability.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Preinstalled software may not be identical to retail versions or have all documentation.

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Sony recommends Microsoft® Windows® XP.